



TOWN OF GRAFTON RECEIVED TOWN CLERK

GRAFTON MEMORIAL MUNICIPAL CENTER 19 FEB 12 AH 11: 59

GRAFTON, MASSACHUSETTS 01519 (508) 839-5335 ext 1120 • FAX (508) 839-4602 planningdept@grafton-ma.gov www.grafton-ma.gov A

APPLICATION FOR SPECIAL PERMIT

	Application No. 3 Pa 019-6 STA
APPLICANT & PROPERTY OWNER INFORMATION	7.2
NAME David W. Brossi	
STREET 15 Juniper Lane	CITY/TOWN Grafton
STATE MA ZIP 01519 TELEPHONE	508-266-0290
NAME OF PROPERTY OWNER (if different from Applicant)	(A) David W. Brossi
Deed recorded in the Worcester District Registry of Deeds	(B) Brigati Village, LLC Book (A) 55774 Page (A) 378
SITE INFORMATION:	(B) Cert.10897; BK 91 (B) Pg 97
STREET AND NUMBER (A) 41 Church Street	(B)14 West_Street
ZONING DISTRICT R-MF/R-40 ASSESSOR'S MA	AP (A&B) 110 LOT#(S) (A) 74.0/0033.0
LOT SIZE (A) 8.23 AC. (B) 38,169 SF FRONTAGE	GE (A) 342.12' (B) 20.01' (B) 74.0/0030.0
CURRENT USE (A) Undeveloped (B) Single F	amily Home w/associated improvements
PROJECT/PLAN INFORMATION:	
PLANTITLE Special Permit/Site Plan App	proval, Brigati Village
PREPARED BY (name/address of PE/Architect) WDA Design	Group, Inc., Westborough, MA 01581
DATES February 6, 2019	
Use for which Special Permit is sought: (refer to § 3.2.3.1 of	, (35)
Section 3.2.3.1.3 Multi-Family Dwell	ings in the RMF zone district
pursuant to Section 5.2 of the ZBL.	
Cite all appropriate sections of the Zoning By-Law which	pertain to this Application, Use and Site:
N/A	
TO THE GRAFTON PLANNING BOARD:	
· · · · · · · · · · · · · · · · · · ·	Character for a CDECIAL DEDMIT to be accounted by
The undersigned, being the APPLICANT named above, be the Planning Board and certifies that, to the best of APPLICAN	IT'S knowledge and belief, the information contained
herein is correct and complete.	2
RECEIVED"	Date: 2/7//9
Property Owner's Signature (if not Applicant)	Date:

PLANNING BOARD GRAFTON, MA

FEB 1 2 2019

EXHIBIT 1a.





TOWN OF GRAFTON

GRAFTON MEMORIAL MUNICIPAL CENTER
30 PROVIDENCE ROAD
GRAFTON, MASSACHUSETTS 01519
(508) 839-5335 ext 1120 • FAX (508) 839-4602
planningdept@grafton-ma.gov
www.grafton-ma.gov

RECEIVED

FEB 1 2 2019

PLANNING BOARD GRAFTON, MA

APPLICATION FOR SITE PLAN APPROVAL

	Application No. SP2019-2/SPA
APPLICANT NAME: David W. Brossi	
STREET 15 Juniper Lane	CITY/TOWN_Grafton
STATE MA ZIP 01519 TELEPHONE	508-266-0290
PROPERTY OWNER NAME (A) David W. Brossi (B) E	Brigati Village, LLC
STREET (A) 15 Juniper Ln. (B) 14 West Street	CITY/TOWN_(A&B)Grafton
STATE MA ZIP 01519 TELEPHONE ((A) 508-266-0290
Deed recorded in the Worcester District Registry of Deeds Book (CONTACT PERSON'S NAME: Wayne M. Belec, WDA TELEPHONE 508-366-6552	(A)55774 Page (A)378 (B)Cert.10897;BK 91 (B)Pg 97 Design Group, Inc.
SITE INFORMATION: STREET AND NUMBER (A) 41 Church Street (B) 14 ZONING DISTRICT R-MF/R-40 ASSESSOR'S MAP (A& LOT SIZE (A) 8.23 AC. (B) 38,169 SF FRONTAGE (A) CURRENT USE (A) Undeveloped (B) Single Family	LOT #(S)
PLAN INFORMATION: PLAN TITLE Special Permit/Site Plan Approva	l Prigati Villago
PREPARED BY WDA Design Group, Inc., Westbore	
DATE PREPARED February 6, 2019 REVIS	
Describe proposed changes / additions: Redevelopment of of 41 Church Street for the creation of a	14 West Street and development
and associated improvements pursuant to Se TO THE GRAFTON PLANNING BOARD:	ction 3.2.3.1.3 of the ZBL.
The undersigned, being the APPLICANT named above, hereby ap PLAN by the Planning Board and certifies that, to the best of APPLICA contained herein is correct and complete and that said PLAN conforms the Town of Grafton.	ANT'S knowledge and belief, the information is with the requirements of the Zoning By-Law of
Applicant's Signature	Date: 2/7/19
Property Owner's Signature (if not Applicant)	Date:





Form Revised: 01/22/2014

TOWN OF GRAFTON

GRAFTON MEMORIAL MUNICIPAL CENTER 30 PROVIDENCE ROAD

GRAFTON, MASSACHUSETTS 01519

Phone: (508) 839-5335 ext 1170 • FAX: (508) 839-46

www.grafton-ma.gov

TREASURER / COLLECTOR

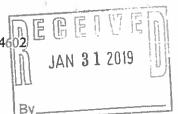


EXHIBIT 1c.

Certificate of Good Standing

Applicants seeking permits with the Town of Grafton must submit this completed form at the time of application. When all obligations are paid to date, you must attach this "Certificate of Good Standing," with your application. Delinquent bills must be paid in full before the appropriate department accepts your application. Please make arrangements to pay these outstanding bills at the Collector's Office.

Please note: it can take up to three (3) business days to process each request.

Please check all that apply and indicate if permit(s) have been issued.

	Permit Is Yes	ssued? No			Permi Yes	it Issued? No
☐Building – Inspection(s)			C)S	Septic System		110
□Building – Electric				Conservation		
□Building - Plumbing		VI. 150-00	□ F	lanning		
☐Board of Health				Other		
Other Permit:						
David W. Brossi			:	David W. Bro	ossi	
Petitioner Name			Pr	operty Owner / Cor	npany N	ame
15 Juniper Lane			4	11 Church St	reet	
Petitioner Address			Pr	operty Address		
Grafton, MA			C.	afton, MA	Į.	RECEIVE
City, State, Zip				ty, State, Zip		
508-266-0290						FEB 1 2 2019
Phone					PI	ANNING BOA
Date:		Curr	ent	Delinquen	t	N/A
Real Estate		V				
Personal Property						V
Motor Vehicle Excise						VI
Disposal		125	0.0a			
General Billing						
J. HAFFIG asurer / Collector Name (please r	neint)	Tro	Swer	Affly		1/3//



Form Revised: 01/22/2014

TOWN OF GRAFTON

GRAFTON MEMORIAL MUNICIPAL CENTER 30 PROVIDENCE ROAD GRAFTON, MASSACHUSETTS 01519

Phone: (508) 839-5335 ext 1170 • FAX: (508) 839-4602 www.grafton-ma.gov



EXHIBIT 1a.

TREASURER / COLLECTOR

Certificate of Good Standing

Applicants seeking permits with the Town of Grafton must submit this completed form at the time of application. When all obligations are paid to date, you must attach this "Certificate of Good Standing," with your application. Delinquent bills must be paid in full before the appropriate department accepts your application. Please make arrangements to pay these outstanding bills at the Collector's Office.

Please note: it can take up to three (3) business days to process each request.

Please check all that apply and indicate if permit(s) have been issued.

Ye □Building – Inspection(s) □Building – Electric	rmit Issued? s No	□Septic System □Conservation □Planning □Other	Permit Issued? Yes No
Other Permit:			
David W. Brossi		Brigati Vil	lage, LLC
Petitioner Name		Property Owner / Con	mpany Name
15 Juniper Lane		14 West Stre	eet
Petitioner Address		Property Address	RECEIVED
Grafton, MA		Grafton, MA	RECEIVED
City, State, Zip		City, State, Zip	FEB 1 2 2019
508-266-0290		** **	LED 1 7 5013
Phone			PLANNING BOARD GRAFTON, MA
Date:	Current	Delinquen	nt N/A
Real Estate	V		
Personal Property			V,
Motor Vehicle Excise	,		
Disposal	V		
General Billing			
Treasurer / Collector Name (please prin	n) Treasure	Le Collector Signature	1/3[/19 Date



COPY

EXHIBIT 1e.



41 Church Street and 14 West Street Map 74, Lots 33 and 30

PARCEL ID LOCATION		OWNER 1	OWNER 2	ADDRESS	CITY	ST	71D	вк	PG
110/073.0-0000-0026.0 71 PROVIDE		BRAFTON HOUSING AUTHORITY INC	C/O LARRY TEBO	P O BOX 091			01536		0
110/073.0-0000-0027.0 85 PROVIDE	NCE ROAD AL	LLEN DENNIS K TRUSTEE	ALLEN FAMILY TRUST	P O BOX 198				13036	-
110/073.0-0000-0028.0 87 PROVIDE	NCE ROAD NI	IEPHEW DARIN H	NEPHEW DENISE M	87 PROVIDENCE ROAD				20347	
110/073.0-0000-0029.0 89 PROVIDEN	NCE ROAD E	RNENWEIN RONALD		111 GEORGE HILL ROAD				58912	
110/074.0-0000-0001.0 26 REAR SOU	TH STREET GI	GRAFTON LAND TRUST INC		PO BOX 114				19483	
110/074.0-0000-0002.0 30 REAR SQL	TH STREET GI	GRAFTON LAND TRUST INC		PO BOX 114					
110/074.0-0000-0003.0 34 SOUTH ST		LBRIGHT MARJORIE		34 SOUTH STREET				19483	
110/074.0-0000-0010.0 20 SOUTH ST	REET K	ALLIN DANIEL L		832 WABASH ROAD				38330	
110/074.0-0000-0011.0 16 SOUTH ST	TREET M	ICDONALD CLAYTON	MCDONALD KATHERINE	16 SOUTH STREET				25222	
110/074.0-0000-0012.0 14 SOUTH ST	TREET PO	POWERS PAUL J JR	POWERS KELLEY L	14 SOUTH STREET				54106	
110/074.0-0000-0013.0 10 SOUTH ST		BROSSI DAVID W	· OWENO KELLET E	15 JUNIPER LANE				34753	
110/074.0-0000-0014.0 8 SOUTH STR		CONGREGATIONAL CHURCH OF GRAFTON	UNITED CHURCH OF CHRIST	P O BOY 421				55774	
110/074.0-0000-0015.0 6 SOUTH STA	REET DI	EVENEY EDWARD F		6 SOUTH STREET				2747	
110/074.0-0000-0018.0 1 REAR CHUF	ICH STREET FO	OCHT GLENN D	FOCHT BARBARA A	1 CHURCH STREET				57679	
110/074.0-0000-0021.0 5 CHURCH S		REDERICO MCINNIS KAREN	. COM BANBANA	5 CHURCH STREET				54370	
110/074.0-0000-0022.0 9 CHURCH S		AKER JAMES D		9 CHURCH STREET				50042	
110/074.0-0000-0024.0 11 CHURCH !		'ESPERANCE PETER G	L'ESPERANCE JOANNE M					52046	
110/074.0-0000-0025.0 9 WEST STRI		ROMAN CATHOLIC BISHOP OF WORCESTER	ST DUILID DADVING LOT	11 CHURCH STREET				16365	
110/074.0-0000-0026.0 9 REAR CHUF		AKEB JAMES D	31 PHILIP PARKING LUT	12 WEST STREET				4413	
110/074.0-0000-0027.0 11 WEST STE		MURPHY GEORGE J	RONCHETTI JUDY	9 CHURCH STREET				52046	
110/074.0-0000-0028.0 13 WEST STE		VINSTON THOMAS	HONCHETTTJUDT	11 WEST STREET				9061	
110/074.0-0000-0029.0 15 WEST STE		IAROUTUNIAN HEATHER		13 WEST STREET				57526	
110/074.0-0000-0030.0 14 WEST STE		ITIGATI VILLAGE LLC		15 WEST STREET			01519		166
110/074.0-0000-0031.0 12 WEST STE		IOMAN CATHOLIC BISHOP OF WORCESTER	ST BUILIBIE CUIUDOU	15 JUNIPER LANE			01519		97
110/074.0-0101-0032.A 29 CHURCH		ARCELOS LUCAS D		12 WEST STREET					334
110/074.0-0102-0032.A 31 CHURCH		HERRY NOEL		29 CHURCH STREET				56763	
110/074.0-0101-0032.B 33 CHURCH		SIDDIQUI ALI S	SHERRY INGELISE	31 CHURCH STREET				40923	
110/074.0-0102-0032.B 35 CHURCH		CHEN CHIU YANG		33 CHURCH STREET				55962	
110/074.0-0000-0033.0 41 CHURCH		ROSSI DAVID W		35 CHURCH STREET				45629	
110/074.0-0000-0034.0 34 CHURCH S		EAGUE EDWARD F		15 JUNIPER LANE		MA	01519	55774	378
110/074.0-0000-0035.0 30 CHURCH \$		ARONE TIMOTHY	DADONE KOIOTIN	34 CHURCH STREET				31226	
110/074.0-0000-0036.0 28 CHURCH S		IARMON JAMES M	PARONE KRISTIN	30 CHURCH STREET				35159	
110/074.0-0000-0037.0 26 CHURCH S		ORDAN SCOTT	NEUWIRTH JESSICA L	28 CHURCH STREET				35462	
110/074.0-0000-0038.0 24 CHURCH S		RHARTIC SEAN	EDITABLE ALAME	26 CHURCH ST				45990	
110/074.0-0101-0213.0 53 CHURCH S		EE MEI-FANG	ERHARTIC AMANDA					58271	
110/074.0-0101-0214.0 49 CHURCH 5		EDROSIAN THOMAS R		14 SARAH STREET				20509	
110/074.0-0101-0215.0 45 CHURCH		LYNN JOHN J JR	MATHISEN LAURA A			MA ·	01519	58735	83
110/074.0-0102-0213.0 55 CHURCH S		UKASEVICZ RICKY		45 CHURCH STREET				34729	
110/074.0-0102-0213.0 55 CHURCH S		ELLONE DANIEL A		55 CHURCH STREET				55086	
110/074.0-0102-0214.0 37 CHURCH S		RENHAM ANGELA	TO CHECK THE THE					55429	
110/083.0-1142-0009.B 42 NOTTING		AMINSKY MARK		47 CHURCH STREET	GRAFTON	MA	01519	53717	265
110/083.0-1144-0009.B 44 NOTTING		AIMINONT IMARK		33 STONEY HILL ROAD	SHREWSBURY	MA	01545	47913	310
110/083.0-1146-0009.B 46 NOTTING	· · · · · · · · · · · · · · · · · · ·	ATON SHOALEH A			GRAFTON	MA I	01519	44571	185
110/083.0-1148-0009.B 48 NOTTING		ITZPATRICK CATHERINE A	EED 1 2 2010		GRAFTON I	MA I	01519	51244	237
TIO/OGG.U-TI4G-UUUS.D 46 NUTTINGI	TAIVI RUAU	HAKUR KALPANA	FEB 1 2 2019	48 NOTTINGHAM ROAD	GRAFTON	MA I	01519	43362	182

PLANNING BOARD GRAFTON, MA

41 Church Street and 14 West Street Map 74, Lots 33 and 30

Tammy Kalinowski, Office Manage

110/083.0-1250-0009.B 50 NOTTINGHAM ROAD 110/083.0-1252-0009.B 52 NOTTINGHAM ROAD 110/083.0-1256-0009.B 55 NOTTINGHAM ROAD 110/083.0-1358-0009.B 56 NOTTINGHAM ROAD 110/083.0-1360-0009.B 60 NOTTINGHAM ROAD 110/083.0-1362-0009.B 62 NOTTINGHAM ROAD 110/083.0-1364-0009.B 64 NOTTINGHAM ROAD 110/083.0-1466-0009.B 66 NOTTINGHAM ROAD 110/083.0-1468-0009.B 67 NOTTINGHAM ROAD 110/083.0-1470-0009.B 67 NOTTINGHAM ROAD 110/083.0-1557-0009.B 57 NOTTINGHAM ROAD 110/083.0-1559-0009.B 59 NOTTINGHAM ROAD 110/083.0-1563-0009.B 61 NOTTINGHAM ROAD 110/083.0-1653-0009.B 51 NOTTINGHAM ROAD 110/083.0-1653-0009.B 53 NOTTINGHAM ROAD 110/083.0-1653-0009.B 55 NOTTINGHAM ROAD 110/083.0-1655-0009.B 55 NOTTINGHAM ROAD 110/083.0-1655-0009.B 55 NOTTINGHAM ROAD 110/083.0-1655-0009.B 55 NOTTINGHAM ROAD 110/083.0-1655-0009.B 55 NOTTINGHAM ROAD 110/083.0-1745-0009.B 47 NOTTINGHAM ROAD 110/083.0-1745-0009.B 47 NOTTINGHAM ROAD 110/083.0-1747-0009.B 47 NOTTINGHAM ROAD	FISKE DANIEL MATHEW ADROVET ANGEL H KEANE ANNE E HOLBERGER KENNETH D THE KAREN M DURAND TRUST EDDY JONATHAN R GALANTE DENISE D MALINOWKSI RONALD E DONO JASON H VAYO ROBERT C WILKEN LAURIE C BIELEJEC EDWARD J CURTIS SANDRA L ATCHUE NORA ELIAS FOLEY DANIEL A STODULSKI KATHRYN A NOCK PHILIP R GAGNON KATHLEEN A WINCHESTER ANN MARIE LIFE INTEREST SOLOMITA MARY	YUEN CHINGHING 55 NOTTINGHAM ROAD LLC	32 MEADOWBROOK ROAD 64 NOTTINGHAM ROAD 66 NOTTINGHAM ROAD 68 NOTTINGHAM ROAD 67 NOTTINGHAM ROAD 65 NOTTINGHAM ROAD 57 NOTTINGHAM ROAD 59 NOTTINGHAM ROAD 2 BURBANK ROAD 63 NOTTINGHAM ROAD 24 SUNRISE AVENUE 51 NOTTINGHAM ROAD 53 NOTTINGHAM ROAD	GRAFTON OFRAFTON OFRAFTON OFRAFTON OFRAFTON OFRAFTON OFRAFTON	MA 01519 34695 221 MA 01519 41436 379 MA 01519 45970 390 MA 01519 42107 273 MA 01519 48200 388 MA 01519 59314 190 MA 01519 51115 174 MA 01519 56525 1 MA 01519 56525 1 MA 01519 50373 62 MA 01519 51182 260 MA 01519 51188 392 MA 01519 56138 50 MA 01519 56138 50 MA 01519 56138 50 MA 01519 56138 50 MA 01519 46433 373 MA 01519 46433 373 MA 01519 46433 373 MA 01519 13027 297 FL 34293 53806 131 MA 01519 25774 097 MA 01519 56520 366
--	---	--	--	---	---





February 8, 2019

Mr. Robert Hassinger, Chair Planning Board c/o Mr. Joseph Laydon, Town Planner Municipal Building 30 Providence Road Grafton, Massachusetts 01519



Via:

Hand Delivery

Reference:

Special Permit & Site Plan Approval

"Brigati Village"

41 Church Street & 14 West Street

Grafton, Massachusetts

WDA JN-1046.05

RECEIVED

FEB 1 2 2019

PLANNING BOARD GRAFTON, MA

Dear Mr. Hassinger and Members of the Board:

On behalf of the Applicant, Brigati Village, LLC, we are submitting herewith an application for Special Permit & Site Plan Approval prepared in accordance with Section 1.3.3 of the Town of Grafton Zoning Bylaw. The applicant is requesting the Board's favorable action for the construction of a 57 -unit Multi-Family Residential Development located at 14 West Street and 41 Church Street. The proposed community is proposed as a market rate rental town home community. The project is being developed pursuant to Section 5.2 Multi-Family Dwellings of the Town of Grafton Zoning Bylaw.

We have enclosed the following:

- 1. One (1) original Application for Special Permit and two (2) copies;
- 2. One (1) original Application for Site Plan Approval and two (2) copies;
- 3. One (1) original Certificate of Good Standing and two (2) copies for 41 Church Street;
- 4. One (1) original Certificate of Good Standing and two (2) copies for 14 West Street;
- 5. One (1) original Project Description/ Narrative contained herein and Two (2) copies;
- 6. One (1) original FEMA Flood Map (Community Panel # 25027C0829E and 25027C0833E, effective date July 4, 2011) and two (2) copies;
- 7. One (1) original Certified List of Abutters and two (2) copies:
- 8. Two (2) sets of First-Class Mail stamped and addressed envelopes;
- 9. Filing fee of \$4,810.00;
- 10. Five (5) copies of Plans (24x36) entitled "Special Permit/ Site Plan Approval, for "Brigati Village, Grafton, Massachusetts", prepared by WDA Design Group, Inc., dated February 7, 2019;
- 11. Seven (7) copies of Plans (11x17) entitled "Special Permit/ Site Plan Approval, for "Brigati Village, Grafton, Massachusetts", prepared by WDA Design Group, Inc., dated February 7, 2019;
- 12. Two (2) Copies- Stormwater Management Report for "Brigati Village, Grafton, Massachusetts", prepared by WDA Design Group, Inc., dated February 7, 2019;

Mr. Robert Hassinger, Chair Grafton Planning Board February 8, 2019 Page 2 of 9

- 13. Three (3) Copies- Traffic Impact and Access Study, Proposed Residential Development, 41 Church Street and 14 West Street, Grafton, Massachusetts", prepared by Tetratech., dated January 2019;
- 14. One (1) original and two Copies- Existing Grade to Proposed Grade Earthworks Analysis for "Brigati Village, Grafton, Massachusetts", prepared by WDA Design Group, Inc., dated February 7, 2019.
- 15. Two (2) copies of Notification to Town Clerk;
- 16. One (1) complete submittal packet for Graves Engineering, Inc.
- 17. One (1) USB containing all forms and narratives/ documents of the submittal.

During the schematic design stage of the project, WDA participated in several initial meetings with the Town Planner which were followed by several meetings with municipal staff at the Thursday afternoon Development Team meetings with municipal officials including; Planning, Conservation, Building Department, DPW, Fire, Police, and Economic Development. The meetings resulted in productive dialogue providing our design and development team with some food for thought in progressing the design. Following these meetings and advancing the design plans to near permit stage, WDA coordinated with Joe Laydon to request a general pre-submission plan/ design review from the Town's peer review consultant Graves Engineering, Inc. The intent of the review was like that of our meetings with town staff, to obtain feedback and incorporate changes as necessary into the design to allow the design to advance to the permitting level set of drawings. The review performed by GEI was cursory in nature and did not include any stormwater calculations or details. Following the review, GEI, Joe Laydon and WDA met again to discuss their comments and the project revisions and adjustments made to address the comments raised. Responses to the GEI comments were addressed in the submitted Site Plans which eliminated the access from Church Street.

PROJECT DESCRIPTION NARRATIVE

Existing Conditions

The subject site is comprised of two properties in separate ownership. The larger of the two which contains much of the land required for the development is located at 41 Church Street and is owned by David W. Brossi. The second parcel is located at 14 West Street and is owned by Brigati Village, LLC (David W. Brossi). The property was purchased by Briagti Village, LLC from William and Patricia Yeomans on December 21, 2018 and is recorded at the Worcester District Registry of Deeds in Deed Book 18097, Page 91.

41 Church Street

The larger property contains approximately 8.23 acres, is located along the easterly sideline of Church Street and is shown on the Town of Grafton Assessor's Map and Parcel ID 110/074.0-0033.0. The property is in both the RMF and R-40 zone districts with the majority (6.9± acres) located in the westerly RMF district. The property does not contain any underlying districts. The property obtains its frontage of 342.12' along the easterly sideline of Church Street and was created in September 2017 and is recorded at the Worcester District Registry of Deeds in Plan Book 929, Plan 120. The property is an undeveloped wooded parcel.

The subject property is bound to the north by residential properties, including a condominium development, to the east single-family residential properties fronting on South Street, to the south by condominium developments and The Grafton Land Trust to the east by Church Street.

Mr. Robert Hassinger, Chair Grafton Planning Board February 8, 2019 Page 3 of 9

Topography on site ranges from an elevation of approximately 490' (highpoint) in the southern most corner of the site adjacent to the condominium developments and descends northerly to an elevation of 468' along the N/F Yeoman's property line and descends to elevation 380' at the most southwestern corner of the property located at the sideline of the layout of Church Street. The site also descends to the east to the abutting properties and wetlands to elevation 460'±. The topography can be best described as gentle to moderate with slopes of 5 to 10 percent along the ridge (a drumlin) which traverses north to south from N/F Yeoman to the high point and defines the primary watershed divide. To the west of the ridge, the topographic relief increases in slope to approximately 15 percent and continues to increase to approximately 30 percent within 150' of Church Street. Slopes east of the ridge can be described as moderate at 10 to 15 percent descending to a broad swale which confines a Bordering Vegetated Wetland (BVW) which flows south to north. East of the BVW, a portion of the property contains approximately 0.6 acres of upland abuts the rear property line at 10 South Street.

The wetland area bisects the property. This vegetated wetland borders an intermittent stream that flows south to north through the property terminating at a culvert inlet on property now or formerly J&B Custom Homes, LLC. Seasonal stormwater runoff generated from a localized watershed flows through the wetland to the 10" PVC pipe culvert inlet. The boundary of the on-site and adjacent wetlands was delineated by WDA Design Group (WDA) on September 13, 2016 and April 18, 2017 based upon the vegetation, hydrology and soils observed on-site. The Boundary of the Bordering Vegetated Wetland (BBVW) is identified by blue flagging, labeled WF-1 to WF-34 and WF-100 to WF-111 along the west side of the bordering vegetated wetland (BVW) and to the east of the proposed development and WF-A to WF-J along the eastern side of the BVW. The BVW is generally comprised of wooded shrub swamp, with areas of herbaceous understory. The wetland is generally located at the toe of slope from adjacent upland hills. The wetland vegetation is predominately comprised of red maple, elm, ash, swamp white oak, winterberry, highbush blueberry, spicebush, arrowwood, tussock sedge, cinnamon, marsh, royal and sensitive ferns, sphagnum, jack-in-pulpit, bluejoint, jewelweed and poison ivy. Adjacent upland areas are comprised of a mainly wooded with sparse understory, comprised of sugar maple, red maple, hickory, oak, tartarian honeysuckle, multiflora rose, Japanese barberry, Virginia creeper, poison ivy, burning bush, hayscented fern, Pennsylvania sedge and Canada mayflower. Some areas of standing water and intermittent flow were noted within the interior of the wetland during our site visits. All wetland flags are shown on the attached plans and were located with an on the ground survey by WDA.

The parcel is not within the Special Flood Hazard Area (SFHA; aka 100-year flood) as indicated on the FEMA flood maps 25027C0829E and 25027C0833E, effective date July 4, 2011. No portion of the site contains an area of Estimated Habitat of Rare Wildlife or certified or potential vernal pools according to the NHESP Atlas dated August 1, 2017.

United States Department of Agriculture Natural Resources Conservation Service (NRCS) mapping identifies the soils of the subject site as Paxton Fine Sandy Loam and Woodbridge Fine Sandy Loam which are described as a Hydrologic Soil Group C (HSG C) soils by the NRCS. Soil testing was performed by WDA and witnessed by Graves Engineering on August 2, 2018 to verify the NRCS mapping. Refer to the attached Hydrology Plans and Soil Testing Logs for soil type delineations and testing locations. In addition to the witnessed soils testing performed by WDA, test borings were drilled and observed this week by Northeast Geotechnical, Inc. for the purposes of evaluating the stability of the soil for a proposed cut slope in the area. The results of their work will be provided to the Board under separate cover.

There are two watershed areas on the property defined by the ridge that traverses the property north to south and a wetland system to the east and Church Street to the west, and the property boundaries to the north and south. The attached Existing Hydrology Plan shows the project design points and contributing drainage areas with existing land

Mr. Robert Hassinger, Chair Grafton Planning Board February 8, 2019 Page 4 of 9

cover types. The analyzed design points are at Church Street to the west, on-site to the northwest, West Street to the north, and the BVW to the east of the proposed development.

14 West Street

The smaller of the two properties contains approximately 38,169 square feet, is located at the southerly end of West Street and is shown on the Town of Grafton Assessor's Map and Parcel ID 110/074.0-0030.0. The property is in both the RMF and R-40 zone districts with the majority located in the westerly RMF district. The property does not contain any underlying districts. The property is a pre-existing non-conforming lot which obtains its frontage of 20.01' along the southerly sideline of West Street and was created in May 1964 and is shown on Land Court Plan 14482-B. The property is developed as a single-family lot. an undeveloped wooded parcel.

The subject property is bound to the north by West Street and The Roman Catholic Church of Worcester, to the east single-family residential property fronting on West Street, to the south by the 41 Church Street property and to the west by a residential condominium development.

Topography on site ranges from an elevation of approximately 466' along the southerly property line and descends northerly to an elevation of 450' along the northerly property line and West Street frontage.

There are no wetlands on the property though the buffer zones associated with the wetland system to the east is cast upon the property. Vegetation on site is primarily lawn with 2-3" caliper trees dispersed throughout the lawn area.

The parcel is not within the Special Flood Hazard Area (SFHA; aka 100-year flood) as indicated on the FEMA flood maps 25027C0829E and 25027C0833E, effective date July 4, 2011. No portion of the site contains an area of Estimated Habitat of Rare Wildlife or certified or potential vernal pools according to the NHESP Atlas dated August 1, 2017.

United States Department of Agriculture Natural Resources Conservation Service (NRCS) mapping identifies the soils of the subject site as Paxton Fine Sandy Loam and Woodbridge Fine Sandy Loam which are described as a Hydrologic Soil Group C (HSG C) soils by the NRCS.

There is one watershed area which is a portion of the overall watershed area tributary to the design point at West Street and the northerly property line. The attached Existing Hydrology Plan shows the project design points and contributing drainage areas with existing land cover types. The analyzed design points are at Church Street to the west, on-site to the northwest, West Street to the north, and the BVW to the east of the proposed development.

The property receives its potable water supply from the Grafton Water District via a 6" main located in West Street and wastewater from the property discharges into the municipal wastewater collection system located in West Street. The property is also served by electric, gas and data transmission lines from West Street.

West Street Access

Access to 14 West Street and 41 Church Street can be obtained through the lot frontages of 14 & 15 West Street as each of the properties contain easements for the purposes of road improvements. With Brigati Village, LLC having recently purchased 14 West Street and having secured a purchase and sales agreement for 15 West Street, the applicant is positioned to make improvements to all three properties and continue to provide unimpeded legal access to the 41 Church Street property.

Mr. Robert Hassinger, Chair Grafton Planning Board February 8, 2019 Page 5 of 9

During WDA's field and office survey data collection, it was determined that West Street from Millbury Street south through the Church Street intersection and then to the properties of 14&15 West Street is a private street. It was revealed that a portion of the Town of Grafton road improvements at the intersection of Church and West Streets and along both sidelines of the layout of West Street south of the intersection are located on private properties.

Proposed Project

Brigati Village is comprised of eleven, two-story residential multi-family, town house–style buildings, each containing three to six units for a total unit density of 57 two-bedroom market rate rental units. All of the 57 units will be accessed from West Street which will undergo some physical improvements for the development and will remain in the ownership of David W. Brossi as market rate, rental units. Like Mr. Brossi' Hillview Estates residential community on Providence Road, Brigati Village will not contain affordable units.

A 24' wide paved site access/egress drive is proposed at the most southerly end of West Street serving the 57 units. The main drive is configured as a 1,043' long looped drive with the first 883'± as a paved surface and the remaining 143'± as a grass paver emergency vehicle access (EVA). The terminus of the looped access drive is located less than 500' south of the centerline intersection of Church and West Streets. The EVA was discussed with town staff including Asst. Fire Chief Steve Charest who are all in favor with the design. The grass paver honeycomb HDPE grid will be placed on a compacted gravel base and designed to withstand the vehicular wheel loads of the GFD's ladder truck. This EVA design provides for a safe accessible route for public safety vehicles while providing an extra 3,000± s.f. of green space. Each end of the grassed EVA will contain two bollards connected by a removable chain with a placard attached indicating that the access is for emergency purposes only. At approximately station 3+85 of the loop drive, a spur drive measuring approximately 350' serves Buildings 7-10. At the terminus of this drive, a "T" turnaround is provided for emergency vehicle maneuvers. This EVA design provides for safe accessible maneuvers for public safety vehicles. During our discussions with the town staff, we presented exhibits of emergency vehicle maneuvers throughout the entire project. Horizontal maneuvers are shown in the Exhibits contained in the plan set.

Initially, the site was designed with four units accessed from Church Street, however following considerable dialogue with Joe and Jeff, it was decided to reconfigure the design to access the entire project from West Street. The new design results in a naturally preserved, mature vegetative buffer along the Church Street frontage, significantly reduces earthwork, including 30'+ earthen cuts, and eliminates access and egress along the inside curve on Church Street.

Parking on site is proposed at each unit with two surface parking spaces and two garage spaces. In addition, guest parking is proposed throughout the site providing 2.31 spaces per unit. Surface parking spaces at each vary in length from 22' to 24' while the guest parking spaces measure 20' in length. Along the 24' wide site access drives, "No Parking" are proposed that meet the specifications of the Federal highway Administration's Manual of Uniform Traffic Control Devices (MUTCD). Ina addition, the necessary stop signs, way finding signs and "Brigati Village" site identification sign is proposed on the property.

The development provides for 61 percent of unoccupied free space and usable common open space of almost 2,440 s.f. per unit.

The units are incorporated into the sloping topography, generally descending in elevation from south to north providing for varying roof lines. The highpoint of 482'± on the main loop road is located at station 5+25 with an

Mr. Robert Hassinger, Chair Grafton Planning Board February 8, 2019 Page 6 of 9

approaching grade of 7 percent which generally mimics the road grade of West Street. This road grade and establishing the highpoint at this station allowed for a spur road design which resulted in a fairly uniform cut/fill section along the road. The open surface stormwater infiltration basins are incorporated into the topography and graded with 3:1 interior and exterior slopes. The basins are graded with 10' wide maintenance berms and access for the access drives.

Stormwater runoff will be collected in either drop inlets or deep-sump, hooded catch basins and conveyed to stormwater treatment units, and eventually to surface or subsurface detention/infiltration basins. Controlled outflow will be discharged to upland areas at a rate equal to or less than existing conditions for the 2, 10, and 100-year, 24-hour design storms. Each discharge point throughout the project is designed with a depressed level spreader intended to convert the concentrated flows to broad crested sheet flows to reduce the potential of downgradient erosion and to generally mimic the existing conditions flow characteristics.

United States Soil Conservation Service, "Urban Hydrology for Small Watersheds, Technical Release Number 55" (TR-55) methods (HydroCAD 10.00) were utilized to develop runoff hydrographs for watershed areas affected by the proposed development. Existing and proposed runoff hydrographs were developed for the 2, 10, and 100-year, 24-hour rainfall events for the purpose of developing a stormwater management system that will limit post-development peak runoff rates to pre-development levels.

The proposed stormwater management system has been designed to meet the requirements of the Town of Grafton and the MassDEP Stormwater Management Standards. The project will limit peak rates of runoff from the site and will infiltrate runoff to approximate existing groundwater recharge.

In order to assess the impact of the proposed development on peak runoff rates onto down-gradient properties, hydrologic calculations were performed for each of three design storms at the design point(s). The calculations refer to runoff quantities at the final design points.

Calculations of peak runoff rates for existing and proposed site conditions are included and summarized in the Stormwater report for comparison of peak runoff rates for the design point for the three design storms. A proposed hydrology plan is provided showing the various sub-watersheds draining to the proposed stormwater management facilities. Stormwater runoff from the overland areas not tributary to the stormwater management facilities will drain by sheet flow or shallow concentrated flow along the existing flow patterns to the design points.

As illustrated in the Stormwater Report, the proposed stormwater management system will be effective in limiting peak rates of runoff from the subject property to approximate pre-development levels.

The site will be serviced by municipal water, electric and gas and connect to the municipal sewer system located in West Street and Church Street. No work is proposed within a resource area.

Emergency Vehicle Access

The EVA as proposed and discussed with town staff will require a waiver as it is not a bituminous concrete surface. Sheet C2.01 of the Site Plans shows a 24' wide By Right layout for which the waiver is being sought. Refer to the Waiver Request Section included herein.

Mr. Robert Hassinger, Chair Grafton Planning Board February 8, 2019 Page 7 of 9

Traffic

Refer to Traffic Impact and Access Study prepared by Tetratech., dated January 2019.

Earthworks

The site was designed with the intent of minimizing the import of cut or fill material, thus reducing or eliminating unnecessary hauling to or from the site. minimizing hauling. WDA performed an initial existing surface to proposed surface cut/fill analysis on the site which indicates that the site is fairly balanced requiring an import of approximately 800 cubic yards (CY) of ordinary borrow material. Considering the material generated from the excavation of the foundation holes, water, water sewer, drainage, electric, gas and data transmission utilities, we expect that the import volume will be reduced significantly. Typical of other projects constructed by the developer, a material processing operation will be employed on site to process gravel, crushed stone, riprap, and screening loam. This will again minimize hauling to or from the site.

Haul times will occur between the hours of 7 AM and 5 PM Monday through Friday, and 7 AM and 12 PM on Saturdays. The haul routes have yet to be established as the source of material has not been determined. The haul routes will be limited to well-travelled roads such as Millbury Street, Upton Road, Westborough Road, and Providence Road. Once material source sites have been determined, the developer and site contractor will coordinate with the applicable Grafton officials.

Earthwork performed on site will be in accordance with the project Erosion and Sediment Control Plans and the Stormwater Pollution Prevention Plan (SWPPP). The project will require a NPDES Permit from the Federal EPA. Erosion and sediment control measures such as anti-tracking pads at the site entrances, erosion silt sacks and siltation fence, temporary slope stabilization, temporary diversion swales and sediment basins, and dust control will be employed. The contractor will be responsible for performing periodic checks, necessary repairs/replacement of the measures, and complete and retain Inspection Reports on site as required in the SWPPP.

Off-Site Improvements

Pedestrian-

An existing sidewalk is located along the west side of West Street which will be utilized for pedestrian activity from the site to the sidewalk located on the north side of Church Street. Consideration was given to re-aligning the crosswalk at the intersection of Church and West Streets, however the results of the WDA research and associated field survey work revealed that town improvements are encroaching on private properties. As the re-alignment of the crosswalk is not physical feasible due the encumbrances/ constraints, Town Staff and GEI agreed that the solution would e be to propose Ped X-ng signage and solar activated crosswalk warning and travel speed indicator electronic signage and described in the traffic impact assessment.

Traffic-

Refer to the Traffic Impact Assessment prepared by Tetra Tech. improvements are proposed to the widening of a a portion of the south side of West Street to provide for a 24' wide paved surface.

Water, Wastewater and Utilities-

The site will be serviced by municipal water, electric and gas and connect to the municipal sewer system located in West Street and Church Street. The development will create 57 two-bedroom units. Based on Title 5 Flows; 114 bedrooms @ 110 gal/bedroom/day results in a conservative wastewater discharge into the municipal system of 12,540

Mr. Robert Hassinger, Chair Grafton Planning Board February 8, 2019 Page 8 of 9

gpd. Water consumption is calculated at 10 percent more than that of the wastewater flows based on human consumption and cooking where the potable water is not discharged into the wastewater collection system. Based on the wastewater values above, conservative Title 5 calculations water consumption is projected to be approximately 13,800 gpd. An Existing 6" ductile iron water main exists in West Street which will be replaced with an 8" ductile iron main as discussed with town staff and GEI.

Fiscal Impacts to Municipal Services

Real Estate Tax Revenue-

Based on the identical use at Hillview Estates, the tax rate per \$1,000 would be about \$16.70. Pro-rating the 42 Blackberry lane units, it can be expected that the 57-unit community will generate and annual real estate tax revenue of approximately \$155,670.

Wastewater and Water-

Brigati Village, LLC will own, maintain and manage the property. They will be subject to paying one-time water and sewer connection fees as well as Inflow and an Infiltration (I/I) removal fee. The one time new main to existing main connection fee to the Grafton Water District is \$2,500. In addition, a \$5,000 per unit water connection fee is required resulting in total water connection fees of \$287,500 for the 57 units. Likewise, the developer will be subject to sewer connection fees of water approximately \$4,000 per unit totaling \$228,000 in revenue to the town.

The Hillview Estates (an identical use) development on Providence Road which is owned by the applicant generates sewer user fees (revenue) at a rate of \$1.12 per unit per day. This would generate abbot \$23,300 per year in user fees. Likewise, Hillview generates water user fees (revenue) at a rate of \$0.85 per unit per day generating approximately \$23,300 per year in user fees

Access Drive and Drainage Infrastructure Maintenance Costs-

The property, access drives and all of its infrastructure will remain in private ownership. The costs associated with the maintenance, operation, replacement or repair will be the responsibility of the owner and not the town.

Schools-

Based on Mr. Brossi's Hillview Estates development property, the number of school aged children is minimal. This is primarily based on the nature of the units being offered, one- and two-bedroom units.

Mr. Robert Hassinger, Chair Grafton Planning Board February 8, 2019 Page 9 of 9

In closing, we trust that you that the site has been designed to comply with the performance standards set forth in Section 4.1 of the Zoning By-Law and like Hillview Estates, the building(s) and site will be maintained, and the activities on the site will be conducted in accordance with, the performance standards set forth in Section 4.1 of the Zoning By-Law.

We thank you in advance of your review of the project and your consideration of an affirmative vote for both the Special Permit and Site Plan Approval.

Sincerely,

WDA DESIGN GROUP, INC.

Wayne M. Belec Associate

cc. Ms.

Ms. Kandy Lavallee, Town Clerk Mr. David W, Brossi, Brigati Village, LLC

g:\common\1046a\1046.05 site plan approval special permit\1046 05 spa_splt01.docx